Carex macrocephala, co-occurrence with *C. kobomugi* in New Jersey, 126
Carlquist, Sherwin, review of successive cambia, 301
Carlson, Adriane M., response of *Alliaria petiolata* to herbicide, 18
carnivorous plant, performance of *Dionaea muscipula*, 45
Carrino-Kyker, Sarah R., pollen performance in *Clarkia unguiculata*, 451
Caryophyllales, review of successive cambia, 301
Castellano, Steven M., spatial patterns on a Kentucky road cut, 188
Catskill Mountains, disturbance of herbaceous understory, 34
Celastrus orbiculatus, distinguishing between native and invasive *Celastrus*, 441
Celastrus scandens, distinguishing between native and invasive *Celastrus*, 441
Celtis tala, pollen of South American allergenic species, 527
Central Park, historical and extant flora, New York City, 552
Centrosema virginianum, influences on legume N_2-fixation in pine woodlands, 398
Centrospermae, review of successive cambia, 301
chloroplast DNA, *Phragmites australis* in mid-Atlantic tidal marshes, 99
Clarkia unguiculata, pollen performance, 451
Clematis socialis, genetic diversity, 433
clipping,
  performance of *Dionaea muscipula*, 45
  urban forest restoration, 410
clonal growth, genetic diversity in *Clematis socialis*, 433
cluster analysis, plant communities in the Davis Mountains, Texas, 468
coastal sand dunes, *Carex macrocephala* and *C. kobomugi* in New Jersey, 126
Coble, Dean W., plant communities in the Davis Mountains, Texas, 468
co-invasion, comparison of *Alliaria petiolata* and *Microstegium vimineum*, 1
colonization, mycorrhizal associations in *Ailanthus altissima*, 27
Colombia, a new species of *Geranium*, 534
Colorado, flora of Yucca House National Monument, 289
community composition, community response to control of *Alliaria petiolata*, 155
competition,
  community response to control of *Alliaria petiolata*, 155
  response of *Alliaria petiolata* to herbicide, 18
complacent, dendroclimatic analysis of bottomland hardwood forest, 505
congeners, distinguishing between native and invasive *Celastrus*, 441
conservation, genetic diversity in *Clematis socialis*, 433
Copenheaver, Carolyn A., dendroclimatic analysis of bottomland hardwood forest, 505
cover, changes in an oak forest's understory with burning, 223
Cowell, C. Mark, structure and dynamics of an oak-beech forest, 215
Cully, Anne C., flora of Yucca House National Monument, 289
Cumming, Jonathan R., *Pinus virginiana* invasion of a serpentine grassland, 63

Daly, Douglas C., floristics of bamboo-dominated forests in Amazonia, 108
deadwood, fir-pine forests of eastern Washington, 199
DeCandido, Robert, historical and extant flora of Central Park, New York City, 552
deciduous forests, community response to control of *Alliaria petiolata*, 155
deforestation, changes in a Massachusetts forest since the 18th century, 74
Delaware, *Phragmites australis* in mid-Atlantic tidal marshes, 99
Delmarva Peninsula, *Phragmites australis* in mid-Atlantic tidal marshes, 99
demography, performance of *Dionaea muscipula*, 45
dendroclimatology, analysis of bottomland hardwood forest, 505
de Pádua Teixeira, Simone, glandular dots of *Caesalpinia echinata*, 135
detrended correspondence analysis, bamboo-dominated forests in Amazonia, 108
Dionaea muscipula, performance of *Dionaea muscipula*, 45
distribution, habitat of *Rhamnus cathartica*, 420
disturbance,
  distribution and habitat of *Rhamnus cathartica*, 420
  establishment of herbaceous understory in hardwood forest, 34
  silviculture in a southeastern mixed pine forest, 489
diversity,
  floristics of bamboo-dominated forests in Amazonia, 108
  orchids from mid-Atlantic coast, 540
  Phragmites australis in mid-Atlantic tidal marshes, 99
  Pinus virginiana invasion of a serpentine grassland, 63
Douglas-fir, fir-pine forests of eastern Washington, 199
dry weight estimation, biomass allocation of *Acacia auriculiformis*, 389
Dryopteris intermedia, disturbance of herbaceous understory in hardwood forest, 34
Dunn, Brian, comparison of *Alliaria petiolata* and *Microstegium vimineum*, 1

earleaf acacia, biomass allocation, 389
eastern deciduous forest,
  comparison of *Alliaria petiolata* and *Microstegium vimineum*, 1
  response of *Alliaria petiolata* to herbicide, 18
eastern hemlock, characteristics of *Tsuga canadensis* forests, 479
eastern red cedar, spatial patterns on a Kentucky road cut, 188
Elaeagnus umbellata, urban forest restoration, 410
elevation gradient, needle morphology of *Pinus cembroides*, 281
Emrick, Verl R., dendroclimatic analysis of bottomland hardwood forest, 505
endomycorrhizae, in *Ailanthus altissima*, 27

endangered species, genetic diversity in *Clematis socialis*, 433
Endress, A. G., distribution and habitat of *Rhamnus cathartica*, 420
Euliss, Amy C., *Houstonia montana* in contrasting habitats, 177
Euphorbiaceae, microsporogenesis and male gametogenesis in *Jatropha curcas*, 344
Evans, Lance S., mechanical properties of grasses, 458
Everett, Richard, fir-pine forests of eastern Washington, 199
exotic species,
Carex macrocephala and *C. kobomugi* in New Jersey, 126
community response to control of *Alliaria petiolata*, 155
historical and extant flora of Central Park, New York City, 552
removal in urban forest restoration, 410
response of *Alliaria petiolata* to herbicide, 18
extirpation, factors influencing plant species in tallgrass prairie, 53

Farrish, Kenneth W., plant communities in the Davis Mountains, Texas, 468
Fagus grandifolia,
dendroclimatic analysis of bottomland hardwood forest, 505
structure and dynamics of an oak-beech forest, 215
fire,
factors influencing plant species in tallgrass prairie, 53
factors influencing seed banks in a Virginia pocosin, 80
influences on legume N_2-fixation in pine woodlands, 398
fire-dependence, performance of *Dionaea muscipula*, 45
fire effects, changes in an oak forest's understory with burning, 223
fire-free interval, wet pine savanna response, 512
Fisk, Melany C., *Houstonia montana* in contrasting habitats, 177
Flora of China, Volume 22: Poaceae (Book Review), 153
floristics,
bamboo-dominated forests in Amazonia, 108
flora of Yucca House National Monument, 289
historical and extant flora of Central Park, New York City, 552
orchids from mid-Atlantic coast barrier islands, 540
flowering dynamics,
opulation ecology of *Platanthera hookeri* in Canada, 369
flowering synchrony of *Goodyera pubescens*, 379
flowering synchrony, population ecology of *Platanthera hookeri* in Canada, 369
forest classification, characteristics of *Tsuga canadensis* forests, 479
forest disturbance, soil nutrient fluxes in an old-growth northern hardwood forest, 269
Frohnapple, Krystalynn J., distinguishing between native and invasive *Celastrus*, 441

Georgia,
genetic diversity in *Clematis socialis*, 433
influences on legume N_2-fixation in pine woodlands, 398
silviculture in a southeastern mixed pine forest, 489
genetic diversity, in *Clematis socialis*, 433
Geraniaceae, a new species of *Geranium* from Columbia, 534
Geranium, a new species from Columbia, 534
glyphosate, response of *Alliaria petiolata* to herbicide, 18
Goertzen, Leslie R., genetic diversity in *Clematis socialis*, 433
Goodyera pubescens, population dynamics and flowering, 379
Gorchov, David L.,
community response to control of *Alliaria petiolata*, 155
response of *Alliaria petiolata* to herbicide, 18
gradient analysis, needle morphology of *Pinus cembroides*, 281
Gramineae, mechanical properties, 458
grasses, mechanical properties, 458
Great Smoky Mountains National Park, characteristics of *Tsuga canadensis* forests, 479
Griscom, Bronson W., floristics of bamboo-dominated forests in Amazonia, 108
ground layer, changes in an oak forest's understory with burning, 223
groundcover, silviculture in a southeastern mixed pine forest, 489
Grundel, Ralph, distinguishing between native and invasive *Celastrus*, 441
Guadua sarcocarpa, floristics of bamboo-dominated forests in Amazonia, 108
Guadua weberbaueri, floristics of bamboo-dominated forests in Amazonia, 108
guild structure, changes in an oak forest's understory with burning, 223

habitat specialist, factors influencing plant species in tallgrass prairie, 53
Harmoney, Keith R., mechanical properties of grasses, 458
Harrod, Richy, fir-pine forests of eastern Washington, 199
Hawkins, Diana L., changes in a Massachusetts forest since the 18th century, 74
Hayes, James J., structure and dynamics of an oak-beech forest, 215
hemlock woolly adelgid, characteristics of *Tsuga canadensis* forests, 479
herb layer ecology, comparison of *Alliaria petiolata* and *Microstegium vimineum*, 1
herbivory, population ecology of *Platanthera hookeri* in Canada, 369
hierarchical partitioning, distinguishing between native and invasive *Celastrus*, 441
Hiers, J. Kevin, influences on legume N_2-fixation in pine woodlands, 398
Hinman, Sarah E., wet pine savanna response to fire-free interval, 512
histochemistry, glandular dots of *Caesalpinia echinata*, 135
historical flora, Central Park, New York City, 552

historical land use, changes in a Massachusetts forest since the 18th century, 74
Hochstedler, Wendy W.,
community response to control of *Alliaria petiolata*, 155
response of *Alliaria petiolata* to herbicide, 18
Houstonia montana, in contrasting habitats, 177
Huebner, Cynthia D., mycorrhizal associations in *Ailanthus altissima*, 27
Huerta, Alfredo J., pollen performance in *Clarkia unguiculata*, 451
hurricane, biomass allocation of *Acacia auriculiformis*, 389
idioblasts, glandular dots of *Caesalpinia echinata*, 135

Illinois,
distinguishing between native and invasive *Celastrus*, 441
reproductive ecology of *Rudbeckia fulgida* var. *sullivantii*, 362
Indiana,
distinguishing between native and invasive *Celastrus*, 441
structure and dynamics of an oak-beech forest, 215
indirect gradient analysis, plant communities in the Davis Mountains, Texas, 468
interxylary phloem, review of successive cambia, 301
invasive plants,
Alliaria petiolata and *Microstegium vimineum*, 1
biomass allocation of *Acacia auriculiformis*, 389
distinguishing between native and invasive *Celastrus*, 441
distribution and habitat of *Rhamnus cathartica*, 420
factors influencing plant species in tallgrass prairie, 53
Phragmites australis in mid-Atlantic tidal marshes, 99
response of *Alliaria petiolata* to herbicide, 18
urban forest restoration, 410
invasive species, spatial patterns on a Kentucky road cut, 188

Jacobs, Karel A., changes in an oak forest's understory with burning, 223
Jatropha curcas, microsporogenesis and male gametogenesis, 344
Johnson, Arthur H., vegetation change in Adirondack forests, 238
Juniperus deppeana, plant communities in the Davis Mountains, Texas, 468
Juniperus virginiana, spatial patterns on a Kentucky road cut, 188

Kahn-Jetter, Zella, mechanical properties of grasses, 458
Kelly, Charlene N., *Pinus virginiana* invasion of a serpentine grassland, 63
Kentucky, spatial patterns on a road cut, 188
Kincaid, Joshua A., characteristics of *Tsuga canadensis* forests, 479
Kirchoff, Bruce K., microsporogenesis and male gametogenesis in *Jatropha curcas*, 344
Knight, K. S., distribution and habitat of *Rhamnus cathartica*, 420
Kurylo, J. S., distribution and habitat of *Rhamnus cathartica*, 420

Lamont, Eric E., orchids from mid-Atlantic coast barrier islands, 540
lateral meristem, review of successive cambia, 301
Lauzer, Denis, in vitro culture of *Aplectrum hyemale*, 344
Leach, Mark K., factors influencing plant species in tallgrass prairie, 53
Leguminosae,
glandular dots of *Caesalpinia echinata*, 135
influences on N_2-fixation in pine woodlands, 398
Leicht-Young, Stacey A., distinguishing between native and invasive *Celastrus*, 441
Leopold, Donald J.,
dynamics of Adirondack northern hardwood forests, 253
soil nutrient fluxes in an old-growth northern hardwood forest, 269
lianas,
distinguishing between native and invasive *Celastrus*, 441
review of successive cambia, 301
Liao, Jingping, microsporogenesis and male gametogenesis in *Jatropha curcas*, 344
Lieurance, Deah M., biomass allocation of *Acacia auriculiformis*, 389
life history, population ecology of *Platanthera hookeri* in Canada, 369
light, influences on legume N_2-fixation in pine woodlands, 398
lignin, dynamics of Adirondack northern hardwood forests, 269
Ligustrum sinense, urban forest restoration, 410
Liquidambar styraciflua, seed bank dynamics in an Atlantic maritime forest, 89
litter quality, dynamics of Adirondack northern hardwood forests, 269
Liu, Huanfang, microsporogenesis and male gametogenesis in *Jatropha curcas*, 344
longleaf pine, silviculture in a southeastern mixed pine forest, 489
longleaf pine ecosystesm, influences on legume N_2-fixation in pine woodlands, 398
Lonicera japonica, urban forest restoration, 410
Lonicera maackii, spatial patterns on a Kentucky road cut, 188
Lubchansky, Heather A., comparison of *Alliaria petiolata* and *Microstegium vimineum*, 1
Luken, James O., performance of *Dionaea muscipula*, 45
Lycopodium lucidulum, disturbance of herbaceous understory in hardwood forest, 34

Machado, Silvia Rodrigues, glandular dots of *Caesalpinia echinata*, 135
Madrean Archipelago, plant communities in the Davis Mountains, Texas, 468
male gametogenesis, and microsporogenesis in *Jatropha curcas*, 344
maritime forest, seed bank dynamics in an Atlantic maritime forest, 89
Marks, Chelsea, mechanical properties of grasses, 458
Maryland,

Phragmites australis in mid-Atlantic tidal marshes, 99
Pinus virginiana invasion of a serpentine grassland, 63
mass loading, floristics of bamboo-dominated forests in Amazonia, 108
Massachusetts, changes in a forest since the 18th century, 74
master cambium, review of successive cambia, 301
maternal effect, pollen performance in *Clarkia unguiculata*, 451
Mauck, Kerry E., comparison of *Alliaria petiolata* and *Microstegium vimineum*, 1
Mbila, Monday, dynamics of Adirondack northern hardwood forests, 253
McCartney, Kelly-Marie, comparison of *Alliaria petiolata* and *Microstegium vimineum*, 1
McCleneghan, S. Coleman, *Houstonia montana* in contrasting habitats, 177
McGee, Gregory G.,
dynamics of Adirondack northern hardwood forests, 253
soil nutrient fluxes in an old-growth northern hardwood forest, 269
McQuattie, Carolyn, mycorrhizal associations in *Ailanthus altissima*, 27
Meadows, Robert E., *Phragmites australis* in mid-Atlantic tidal marshes, 99
Mengler, Jeffrey L., changes in an oak forest's understory with burning, 223
microsporogenesis, and male gametogenesis in *Jatropha curcas*, 344
Microstegium vimineum,
comparison with *Alliaria petiolata*, 1
urban forest restoration, 410
Midewin National Tallgrass Prairie, reproductive ecology of *Rudbeckia fulgida* var. *sullivantii*, 362
Milbauer, Michelle L., factors influencing plant species in tallgrass prairie, 53
Miller, Deborah L., silviculture in a southeastern mixed pine forest, 489
Mitchell, Myron J.,
dynamics of Adirondack northern hardwood forests, 253
soil nutrient fluxes in an old-growth northern hardwood forest, 269
Mitchell, Robert J., influences on legume N_2-fixation in pine woodlands, 398
modulus of elasticity, mechanical properties of grasses, 458
Molano-Flores, Brenda, reproductive ecology of *Rudbeckia fulgida* var. *sullivantii*, 362
morphology, distinguishing between native and invasive *Celastrus*, 441
morphometric analysis, distinguishing between native and invasive *Celastrus*, 441
Morrison, Janet A., comparison of *Alliaria petiolata* and *Microstegium vimineum*, 1
Moyer, Amanda, vegetation change in Adirondack forests, 238
multiple response permutation procedure, community response to control of *Alliaria petiolata*, 155
mycorrhizae,
in vitro culture of *Aplectrum hyemale*, 344
mycorrhizal associations in *Ailanthus altissima*, 27
Pinus virginiana invasion of a serpentine grassland, 63
native species, distinguishing between native and invasive *Celastrus*, 441
natural enemies, comparison of *Alliaria petiolata* and *Microstegium vimineum*, 1
Naumann, Julie C., seed bank dynamics in an Atlantic maritime forest, 89
needle morphology, of *Pinus cembroides*, 281
Nelson, Tina M., historical and extant flora of Central Park, New York City, 552
Neufeld, Howard S., *Houstonia montana* in contrasting habitats, 177
New Jersey,
Carex macrocephala and *C. kobomugi*, 126
Phragmites australis in mid-Atlantic tidal marshes, 99
New York,
historical and extant flora of Central Park, New York City, 552
New York City, historical and extant flora of Central Park, 552
nitrification, dynamics of Adirondack northern hardwood forests, 269
nitrogen,
dynamics of Adirondack northern hardwood forests, 253
soil nutrient fluxes in an old-growth northern hardwood forest, 269
nitrogen fixation, influences on legume N_2-fixation in pine woodlands, 398
nonmetric multidimensional scaling ordination, community response to control of *Alliaria petiolata*, 155
North Carolina, characteristics of *Tsuga canadensis* forests, 479
northern hardwood forest,
disturbance of herbaceous understory, 34
soil nutrient fluxes, 269
vegetation change in Adirondack forests, 238
nutrient cycling, dynamics of Adirondack northern hardwood forests, 253
nutrient retention, soil nutrient fluxes in an old-growth northern hardwood forest, 253
oak decline, structure and dynamics of an oak-beech forest, 215
Ohio, community response to control of *Alliaria petiolata*, 155
Ohlson, Peter, fir-pine forests of eastern Washington, 199
old-growth, dynamics of Adirondack northern hardwood forests, 253
Onagraceae, pollen performance in *Clarkia unguiculata*, 451
orchids,
in vitro culture of *Aplectrum hyemale*, 344
mid-Atlantic coast barrier islands, 540
population ecology of *Platanthera hookeri* in Canada, 369
Orchidaceae,
in vitro culture of *Aplectrum hyemale*, 344
orchids from mid-Atlantic coast barrier islands, 540
population ecology of *Platanthera hookeri* in Canada, 369

ordination, plant communities in the Davis Mountains, Texas, 468
Oswald, Brian P., plant communities in the Davis Mountains, Texas, 468
Oxalis acetosella, disturbance of herbaceous understory in hardwood forest, 34

Palazzesi, Luis, pollen of South American allergenic species, 527
Pantaleoni, Eva, dendroclimatic analysis of bottomland hardwood forest, 505
Pavlovic, Noel B., distinguishing between native and invasive *Celastrus*, 441
permanent vegetation plots,
  permanent plots, structure and dynamics of an oak-beech forest, 215
  vegetation change in Adirondack forests, 238
Peru, floristics of bamboo-dominated forests in southwest Amazonia, 108
photosynthesis, *Alliaria petiolata* and *Microstegium vimineum*, 1
Phytolacca dioica, pollen of South American allergenic species, 527
Pinus cembroides,
  needle morphology, 281
  plant communities in the Davis Mountains, Texas, 468
Pinus echinata, silviculture in a southeastern mixed pine forest, 489
Pinus elliottii, silviculture in a southeastern mixed pine forest, 489
Pinus palustris,
  silviculture in a southeastern mixed pine forest, 489
  wet pine savanna response to fire-free interval, 512
Pinus ponderosa,
  fir-pine forests of eastern Washington, 199
  plant communities in the Davis Mountains, Texas, 468
Pinus serotina, factors influencing seed banks in a Virginia pocosin, 80
Pinus strobus, changes in a Massachusetts forest since the 18th century, 74
Pinus taeda,
  seed bank dynamics in an Atlantic maritime forest, 89
  silviculture in a southeastern mixed pine forest, 489
Pinus virginiana, invasion of a serpentine grassland, 63
pinyon pine, needle morphology of *Pinus cembroides*, 281
pinyon-juniper woodlands, needle morphology of *Pinus cembroides*, 281
plant community, floristics of bamboo-dominated forests in Amazonia, 108
plant community composition, wet pine savanna response to fire-free interval, 512
Platanthera hookeri, population ecology of *Platanthera hookeri* in Canada, 369
Poaceae, Flora of China, Volume 22: Poaceae (Book Review), 153
pocosin, factors influencing seed banks in a Virginia pocosin, 80
pollen germination, pollen performance in *Clarkia unguiculata*, 451
pollen morphology, South American allergenic species, 527
pollen performance, *Clarkia unguiculata*, 451
pollen tube growth, pollen performance in *Clarkia unguiculata*, 451
Ponderosa pine, fir-pine forests of eastern Washington, 199
population dynamics, population ecology of *Platanthera hookeri* in Canada, 369
Poulos, H. M., needle morphology of *Pinus cembroides*, 281
precipitation, response of *Alliaria petiolata* to herbicide, 18
prescribed fire, performance of *Dionaea muscipula*, 45
presettlement forest, changes in a Massachusetts forest since the 18th century, 74
presettlement vegetation, structure and dynamics of an oak-beech forest, 215
Pujana, Roberto R., pollen of South American allergenic species, 527

Quebec,
  in vitro culture of *Aplectrum hyemale*, 344
  population ecology of *Platanthera hookeri* in Canada, 369
Quercus alba, changes in a Massachusetts forest since the 18th century, 74

Ranunculaceae, genetic diversity in *Clematis socialis*, 433
rare plant, *Houstonia montana* in contrasting habitats, 177
rare species, in vitro culture of *Aplectrum hyemale*, 344
Raynal, Dudley J.,
  dynamics of Adirondack northern hardwood forests, 253
  soil nutrient fluxes in an old-growth northern hardwood forest, 269
Rebbeck, Joanne, mycorrhizal associations in *Ailanthus altissima*, 27
red spruce decline, vegetation change in Adirondack forests, 238
Reddoch, Allan H.,
  population ecology of *Platanthera hookeri* in Canada, 369
  population dynamics and flowering of *Goodyera pubescens*, 379
Reddoch, Joyce M.,
  population ecology of *Platanthera hookeri* in Canada, 369
  population dynamics and flowering of *Goodyera pubescens*, 379
Renaut, Sébastien, in vitro culture of *Aplectrum hyemale*, 344
reproductive ecology, *Rudbeckia fulgida* var. *sullivantii*, 362
restoration,
  historical and extant flora of Central Park, New York City, 552
  in vitro culture of *Aplectrum hyemale*, 344
  reproductive ecology of *Rudbeckia fulgida* var. *sullivantii*, 362
  urban forests, 410
RFLP, *Phragmites australis* in mid-Atlantic tidal marshes, 99

Rhamnaceae,
changes in an oak forest's understory with burning, 223
distribution and habitat of *Rhamnus cathartica*, 420
Rhamnus cathartica,
changes in an oak forest's understory with burning, 223
distribution and habitat, 420
Rhynchosia reniformis, influences on legume N_2-fixation in pine woodlands, 398
Richter, Suzanna L., vegetation change in Adirondack forests, 238
Rink, Glenn R., flora of Yucca House National Monument, 289
root:shoot, influences on legume N_2-fixation in pine woodlands, 398
Rubiaceae, *Houstonia montana* in contrasting habitats, 177
Rudbeckia fulgida var. *sullivantii*, reproductive ecology, 362

Saltonstall, Kristin, *Phragmites australis* in mid-Atlantic tidal marshes, 99
Saunders, Lauren P., community response to control of *Alliaria petiolata*, 155
Schellhaas, Richard, fir-pine forests of eastern Washington, 199
Schinopisis balansae, pollen of South American allergenic species, 527
sclerenchyma, mechanical properties of grasses, 458
Scott, Lynne, reproductive ecology of *Rudbeckia fulgida* var. *sullivantii*, 362
seed bank,
factors influencing seed banks in a Virginia pocosin, 80
dynamics in an Atlantic maritime forest, 89
urban forest restoration, 410
seed coat, in vitro culture of *Aplectrum hyemale*, 344
seed dormancy, in vitro culture of *Aplectrum hyemale*, 344
seed limitation, factors influencing plant species in tallgrass prairie, 53
seedling establishment, performance of *Dionaea muscipula*, 45
sensitive, dendroclimatic analysis of bottomland hardwood forest, 505
sensitive species, reproductive ecology of *Rudbeckia fulgida* var. *sullivantii*, 362
serpentine, *Pinus virginiana* invasion of a serpentine grassland, 63
Shear, Theodore H., urban forest restoration, 410
Sholes, Owen D. V., changes in a Massachusetts forest since the 18th century, 74
shrub layer, changes in an oak forest's understory with burning, 223
silviculture, southeastern mixed pine forest, 489
Simaroubaceae, mycorrhizal associations in *Ailanthus altissima*, 27
siring success, pollen performance in *Clarkia unguiculata*, 451
Slaughter, Bradford S.,
community response to control of *Alliaria petiolata*, 155
response of *Alliaria petiolata* to herbicide, 18
Smith-Huerta, Nancy L., pollen performance in *Clarkia unguiculata*, 451
Sorenson similarity, factors influencing seed banks in a Virginia pocosin, 80
soil, floristics of bamboo-dominated forests in Amazonia, 108
soil chemistry, *Pinus virginiana* invasion of a serpentine grassland, 63
soil moisture, distribution and habitat of *Rhamnus cathartica*, 420
soil seed bank, seed bank dynamics in an Atlantic maritime forest, 89
Soldier's Delight, Maryland, *Pinus virginiana* invasion of a serpentine grassland, 63
Solidago chilensis, pollen of South American allergenic species, 527
southern Appalachian endemic, *Houstonia montana* in contrasting habitats, 177
spatial autocorrelation, spatial patterns on a Kentucky road cut, 188
species composition,
factors influencing plant species in tallgrass prairie, 53
seed bank dynamics in an Atlantic maritime forest, 89
species density, factors influencing plant species in tallgrass prairie, 53
species diversity, *Carex macrocephala* and *C. kobomugi* in New Jersey, 126
species pool, factors influencing plant species in tallgrass prairie, 53
species richness,
Carex macrocephala and *C. kobomugi* in New Jersey, 126
changes in an oak forest's understory with burning, 223
seed bank dynamics in an Atlantic maritime forest, 89
Sphagnum, factors influencing seed banks in a Virginia pocosin, 80
spring herbs, changes in an oak forest's understory with burning, 223
Stalter, R., orchids from mid-Atlantic coast barrier islands, 540
stand development, dynamics of Adirondack northern hardwood forests, 253
St-Arnaud, Marc, in vitro culture of *Aplectrum hyemale*, 344
Steinhardt, Alberto P., pollen of South American allergenic species, 527
Stellaria media, community response to control of *Alliaria petiolata*, 155
stem bending moment, mechanical properties of grasses, 458
stem bending stress, mechanical properties of grasses, 458
Stevens, M. Henry H., plant community response to control of *Alliaria petiolata*, 155
Stewart, J. R., distribution and habitat of *Rhamnus cathartica*, 420
stress-tolerance, *Houstonia montana* in contrasting habitats, 177
Stucky, Jon M., urban forest restoration, 410
succession,
Pinus virginiana invasion of a serpentine grassland, 63
seed bank dynamics in an Atlantic maritime forest, 89

sugar maple, structure and dynamics of an oak-beech forest, 215
Sullivant's coneflower, reproductive ecology, 362
summer herbs, changes in an oak forest's understory with burning, 223
surveyors' records, changes in a Massachusetts forest since the 18th century, 74

Tanner, George W., silviculture in a southeastern mixed pine forest, 489
taxonomy, a new species of *Geranium* from Columbia, 534
Tennessee, characteristics of *Tsuga canadensis* forests, 479
Tephrosia virginiana, influences on legume N_2-fixation in pine woodlands, 398
terra-firma forests, floristics of bamboo-dominated forests in Amazonia, 108
Tessier, Jack T., disturbance of herbaceous understory in hardwood forest, 34
tidal marshes, *Phragmites australis* in mid-Atlantic tidal marshes, 99
tissue density, mechanical properties of grasses, 458
tissues that resist bending, mechanical properties of grasses, 458
thermal shock, factors influencing seed banks in a Virginia pocosin, 80
transpiration, needle morphology of *Pinus cembroides*, 281
tree rings, dendroclimatic analysis of bottomland hardwood forest, 505
Tsuga canadensis, characteristics of eastern hemlock forests, 479
TWINSPAN, floristics of bamboo-dominated forests in Amazonia, 108

ultramafic soils, *Pinus virginiana* invasion of a serpentine grassland, 63
understory,
  disturbance of herbaceous understory in hardwood forest, 34
  fir-pine forests of eastern Washington, 199
Unified Neutral Theory of Biodiversity and Biogeography, disturbance of herbaceous understory in hardwood forest, 34
urban, historical and extant flora of Central Park, New York City, 552
urban forests, restoration, 410

vegetation dynamics, structure and dynamics of an oak-beech forest, 215
Venus' fly trap, performance of *Dionaea muscipula*, 45
Vidra, Rebecca L., urban forest restoration, 410
Virginia,
  dendroclimatic analysis of bottomland hardwood forest, 505
  seed bank dynamics in an Atlantic maritime forest, 89

Washington, fir-pine forests, 199
water relations, needle morphology of *Pinus cembroides*, 281
western larch, fir-pine forests of eastern Washington, 199
wet pine savanna, response to fire-free interval, 512
Willig, Sarah A., vegetation change in Adirondack forests, 238
Wisconsin, factors influencing plant species in tallgrass prairie, 53
witness trees, changes in a Massachusetts forest since the 18th century, 74
woody plant invasion, factors influencing plant species in tallgrass prairie, 53
Wootton, Louise, *Carex macrocephala* and *C. kobomugi* in New Jersey, 126
Wu, Guojiang, microsporogenesis and male gametogenesis in *Jatropha curcas*, 344

Yancey, Matthew W., dendroclimatic analysis of bottomland hardwood forest, 505
Young, Donald R., seed bank dynamics in an Atlantic maritime forest, 89
Yucca House National Monument, checklist of flora, 289